

## Claims:

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1. A telescopic boom (1) for a vehicle (25) or a hoist with a storage rack (6) for at least two box girders (2, 3) guided displaceably in one another in the direction of their longitudinal axes, which are mounted to pivot about a horizontal pivot axle (5) in the storage rack (6) and which can be displaced reciprocally by means of a servo-drive (19), characterised in that the longitudinal axes of the box girders (2, 3) form an upwards arched arc of a circle (4) which runs concentrically to a common axis parallel to the pivot axis (5).
2. A telescopic boom as claimed in Claim 1 with slideways provided between the box girders intermeshing with play in the vicinity of the girder ends being supported at the top or bottom on each other box girder, characterised in that the slideways (10) are swivel-mounted on the girder ends about an axle (14) parallel to the pivot axle (5).
3. A telescopic boom as claimed in Claim 1 or 2 with a cylindrical pinion for mutual displacement of the box girders arranged inside the box girders, characterised in that the cylindrical pinion comprises two rams (20) each of which is on the one hand linked to one of the outer girder ends and on the other hand to a common slider (21) mounted displaceably in the inner box girder (3).
4. A telescopic boom as claimed in Claim 1 or 2, characterised in that the servo-drive (19) comprises at least one rack (22) running along a box girder (2, 3) and one driving pinion (23) of the other box girder meshing with the rack (22).
5. A telescopic boom as claimed in any one of Claims 1 to 4, characterised in that the upper and the lower cylindrical wall (12) of the inner box girder (3) longitudinal edge frames (15) projecting laterally over the box profile and guided on the outer box girder (2).
6. A telescopic boom as claimed in Claims 4 and 5, characterised in that the rack (22) of the servo-drive (19) is arranged in at least one of the longitudinal channels (16) resulting between the longitudinal edge frames (15) outside the box profiles on both sides of the inner box girder (3).

7. ~~A telescopic boom as claimed in any one of Claims 1 to 6, characterised in that the box girder (3) forming the projecting cantilever end bears a possibly extensible cantilever arm (35) to pivot adjustably about a horizontal pivot axis (38).~~

8. A telescopic boom as claimed in any one of Claims 1 to 7, characterised in that with the arrangement of three box girders (2, 3, 41) guided displaceably in one another the box girder (41) swivel-mounted in the storage rack (6) is designed shorter than the middle box girder (2) telescoping upwards and downwards from the box girder on the rack side.

9. A telescopic boom as claimed in any one of Claims 1 to 8, characterised in that the box girders (2, 3) form a navigable and/or accessible tunnel.

10. A telescopic boom as claimed in any one of Claims 1 to 8 for a vehicle picking up set-down bins having a pivot head for load suspension gear which has a cross-beam with traction mechanisms arranged laterally in pairs for picking up bins, characterised in that at least one of the traction mechanisms (29, 30) arranged in pairs can be shifted on each side of the cross-beam relative to the traction mechanism (29) assigned to it.

11. A telescopic boom as claimed in Claim 10, characterised in that the adjustable traction mechanisms engage in hydraulic jacks (32) mounted in the cross-beam (28).